

Neuron theory

The development

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Introduction

This is not a theory! This is a development of the theory: I almost went mad trying to write, in detail, the answer to the question, “what is consciousness”. It is hard for me, at the moment, to answer that question in detail, given its overall complexity, however, an idea of what it is I can give. Based on my calculation, consciousness is only a feeling, despite the unreal idea that seeing, hearing, tasting, and smelling are otherwise. Relative to our life, the need for consciousness is this: a source of extra energy adding to parts of a mass of 100% potential energy, turning parts of the mass of potential energy into kinetic energy, in simpler terms, to move, one needs above 100% potential energy. Let I note: the source of potential energy does create kinetic energy on its own without consciousness, but not enough to move the body in space. Also, this ‘extra energy’ can’t necessarily move the body through space, however, it can move parts of the body, and parts of the body can interact with other masses that can move the body in space. For example: the extra energy can move your feet and your feet walk the ground. I'm not sure where the extra energy that pumps the heart and lungs, etc. comes from, maybe it comes from the source of potential energy itself: the source of potential energy exceeding its 100% limit, turning into kinetic energy. Or maybe such extra energy which beats the heart, etc. comes from the mechanism of consciousness.

Potential Energy

I think we have the cycling of oxygen and carbon dioxide to thank for our life, or in a more scientific term, our potential energy. Do not quote me on this, as I've had a friend call it 'ridiculous sounding', but I have a paper that I've never shared with more than two person. The paper states that the cerebellum of our brain requires carbon dioxide to stay alive. This idea could easily be wrong but I think it's worth saying, the least. The idea is that the cycling of the two gases begins to diminish, thanks to one gas being produced less in a particular area of the body. With this happening, the body begins to lose its potential energy, and with the body losing its potential energy, it's only time until the kinetic energy of the body stops and the body collapses, which can be permanent, which we call death. With certain observation, I realize that the thing that needs CO₂, at least, the most, in the body is the cerebellum. I then assumed that if the cerebellum is not receiving enough CO₂, that could be the reason we "die from old age".

What do I think the solution is? I mean, if you add more oxygen and glucose, maybe it would force the problem to create more CO₂ in the area it is needed, or(rather this) if the body has enough glucose, then extra oxygen could work, but too much of this can be bad for the body and very expensive. A slightly better solution would be to add CO₂ directly to the cerebellum from an alternative source. My only worry is that it may cause the cerebellum to overgrow, but adding the right amount would at least keep us alive for a longer time. I think an experimentalist would do a better job at this since I don't have the equipment to run the tests myself. I guess the reason I'm injecting this in this paper is that I got this result and have no way of proving it right or wrong, and just hoping someone can prove it right or wrong with experiments. If I'm anywhere close to being correct, then adding extra

CO₂ directly to the cerebellum should add more potential energy to the body, the same energy that is responsible for life, and If able to reduce the cerebellum overgrowing, a single life can exist far longer than it would naturally. I have a better idea of how to reduce aging, but I'm not ready to share that as yet.

Kinetic Energy

This is probably the most complex thing I've researched, it is very difficult to explain in detail, and will perhaps be psychologists' and neuroscientists' go to for further development. The thing is consciousness is already known, I was frightened to learn that my research on something that I thought I would get all the credit for is already known (somewhat). Consciousness is many elements of electro, or in a much better term, many frequencies of electro, running through neurons at the speed of electro, interacting, combining, and splitting to give our movements. But a delay in speed, and a subtraction of self-awareness, hides the reality of the mechanism, causing an idea of a magical mechanism, where we are in control of our own fate. Electro is any mass of electrical charge. What I just said is very simple and can appear 'made in a single minute', but I almost went mad coming up with that line for over two weeks.

Every light, smell, tastes, sound, and touch are frequencies and all frequencies have different amounts, like say, different "voltages". But all those frequencies and "voltages" I just call signals.

Imagine a dumb robot with neurons that can pick up the signals of light, sound, touch, smell, and tastes, and has the ability to reproduce neurons. Now, imagine all those neurons are memories. Memories as in, each neuron was created to pick up a specific signal(s), and each time that neuron picks up that specific signal(s), that unification of both the neuron and that specific signal(s), eventually gives the idea of a memory.

Everyday we produce new neurons, and somehow this happens by two or more signals colliding and causing a certain material of the brain to grow into a new neuron, which is then left to pick up (even some of) the signals of the combination of signals that created the neuron, so whenever the combination of signals comes to the brain in order again, that neuron collects the signals, convert the signals into a single signal, then send it to another neuron and so on, eventually saying I picked up a familiar experience.

New neurons can only be created from a newly recognized pattern of signals. When I say a pattern of signals I mean, for example, yes, you've seen a person before, wearing yellow and talking soft, but seeing a cousin you've never seen before, wearing yellow and talking soft is a new pattern of signals.

Thinking is when the signals are trapped inside the brain, interacting, running from neurons to neurons at the speed of electro, combining and splitting, thanks to the different neurons, and as this chaos happens, an electro fusion, old neurons that haven't received signals in years can then receive signals from this process, eventually declaring that I recognize a familiar experience without receiving such signals directly from the external world, which can eventually cause a chain reaction of familiar experiences. There are the subconscious thinking and the conscious thinking, you'll understand more later on. When I say external world, I speak outside of the mind. And when I say combining and splitting I speak of signals turning into lower frequencies and turning into higher ones, thanks to the types of neurons.

And the most important is the ability to create new neurons from this electro fusion without receiving such signals directly from the external world, which can cause a chain reaction of new neurons. Saying electro fusion can make the mind sound random, remember, keywords, "chain

reaction", one after the other = pattern; "interacting with each other", depending on the movement and position of that signal and that other signal = predictability. Humans seem to forget that the universe does not revolve around us, if we can't predict something, it does not mean the thing is unpredictable, and based on my calculations, everything in this universe is predictable, it's only the observer who is not as yet, if ever, able to predict it. Some minds only appear to lose pattern, still predictable, however, begin to lose some very important neurons, or begin creating some new neurons, causing the whole system of neurons to be unpredictable, relative to its prior predictability, or to a specific predictability. The brain will always be predictable, despite malfunctioning.

Putting two or more signals inside a neuron will always bring out a correct answer/signal. It's simple as $2+2=4$. The reason we, as humans, can answer questions wrong is because we have enough neurons to answer them in many different ways, but not enough to see to it that the single correct answer is reduced to. Remember, a calculator isn't half as complex as the human brain. A calculator can't calculate to tell my name, humans can.

The more signals a system can pick up the more creative the system can be, which means it can be wrong in many ways, but they are all ranked, one is always more correct than the other, and then there is that single correct answer. The fewer signals a system can pick up the less creative the system can be, which means the less wrong it can be. This means, systems like calculators are going to be less, or won't be at all, wrong/creative because they can pick up fewer signals and have what it takes to answer those few questions. Humans are far more creative and can be wrong in many ways because there are so many signals we can pick up. Asking a human a question is never black and white. It's like (just a simple explanation): what is $2+2+2+2+2=x$?

A human registers $2+2+2+2=8$ because when and where one of the 2s should be registered, a signal of unicorn registered, so the human subtracts the unicorn from the equation, knowing that's not a part of the equation you asked, but didn't register the full signals, and gave the answer to the signals that got registered. Whereas, a calculator that only registers the signals of numbers will register all numbers, with no distractions of other signals, giving the correct answer. Once humans continue in existence this intelligently, neurons will be created to correctly answer all our current questions, but those neurons will create new signals to create new neurons that will create new signals, and so on, which means, there will always be new neurons to be created, or in other words, there will always be new questions to be answered.

There are also neurons representing muscular movements, whenever muscular movement signals come to the brain, or are created from the brain, those neurons send them to the neurons of the specific muscle, compelling it to move. Although, I must say, maybe all muscular movement signals were created inside the brain and perhaps, created from the conscious mind, maybe this is true, I'm yet to be, broadly, confident.

We get signals from touch by this: when the body is touched, squeezed, compressed, etc., signals get released from the (liquid) of that area, which then spread to their neurons, or if there are no neurons, creation happens. This is why I'm convinced the neurons vibrate, causing a touch, which is a part of the whole cycling process: vibrate to feeling to vibrate to feeling to vibrate to feeling, and so on.

The idea that I'm self-aware is not an illusion. I will first explain the first part, awareness: all the many actions taking place at once, at different (high) frequencies, an area in the body of vibrations, = awareness.

An example of this is: 100000000000 tools are on a construction site, all doing different activities. At different rates: 5909900 hammers hitting nails, 2888099 wheelbarrows pushing gravel, 100000 drills drilling the wall, etc. Now, imagine an electrical wire connects all the tools, making them move. All these tools are vibrating. The vibrations are the awareness.

To be direct: the neurons are connected by synapses; when the signals in the neurons collide, the neurons vibrate; when the neurons vibrate, they interact with each other, thanks to the synapses. The vibrations are awareness! The awareness merely not aware that it is aware as yet. Yes, I'm saying if everything vibrates, then everything is aware, some just not aware of their awareness. The vibrations are not random. The vibrations vibrate at different (high) frequencies. Depending on the frequencies of the vibrations of the neurons will you eventually be aware of the awareness, and the frequencies of the vibrations of the neurons depend on the signals that are colliding in the neurons.

And for our second part, self-awareness: If the signals in our heads move anything in line with the speed of light, then why is the conscious mind conscious at such a slow speed? My answer is this: the signals in the mind are moving at the speed of electro but the vibrations of the neurons vibrate much slower.

When the neurons vibrate, signals are released from the material of the brain and go right back to the system of neurons. So, when the neurons vibrate, the vibrations of the neurons touch the material of the brain, and the signals from the material of the brain, make it back to the system of neurons at the speed of electro, where those neurons (awareness of the awareness) vibrate along with the vibrations of the awareness neurons at roughly the same moment in time at the speed of the vibrations, and so, the awareness is aware of itself.

Self-awareness is the awareness receiving signals of its awareness at roughly the same moment in time at the speed of the vibrations, becoming aware of its awareness. The conscious mind is the cycling of the awareness to the self-awareness, thus, the conscious thinking.

The weaker vibrations of the awareness can't send signals back to the system of neurons to eventually get aware of because they eventually get canceled out by the stronger vibrations. So, the subconscious mind is the awareness that the awareness is not aware of but the bottom line is this, for all those weaker vibrations that aren't self-aware, important signals still run through those neurons, which is the electro fusion of the subconscious mind, I call it the subconscious thinking. When I say this, I don't mean we are at all conscious of the electro running through our heads, but the conscious thinking can understand them through vibrations. And the reason we feel as though we have free will is because the conscious mind is ignorant of the subconscious mind, believing it is a reality otherwise from the one we know of. Imagine prime numbers believing they are the only numbers and are fundamental and just unpredictable, ignorant of the structure of natural numbers that produced them in the first place. That's how freewill appears to be, based on my calculation. The material of the brain that I keep speaking of is most likely liquid or a very soft solid soaked with liquid.

A simple example of the conscious mind playing a big role in the subconscious mind and body is this: A wife sits under a shade, watching her robot husband hard at work in the sun, working himself to malfunction. The husband feels no stress since he is a robot but the wife feels the extra stress of her husband's hard work in the sun. The husband couldn't care less but the wife is far more sensitive and tell the husband how to react to her extra pain from his hard work in the sun.

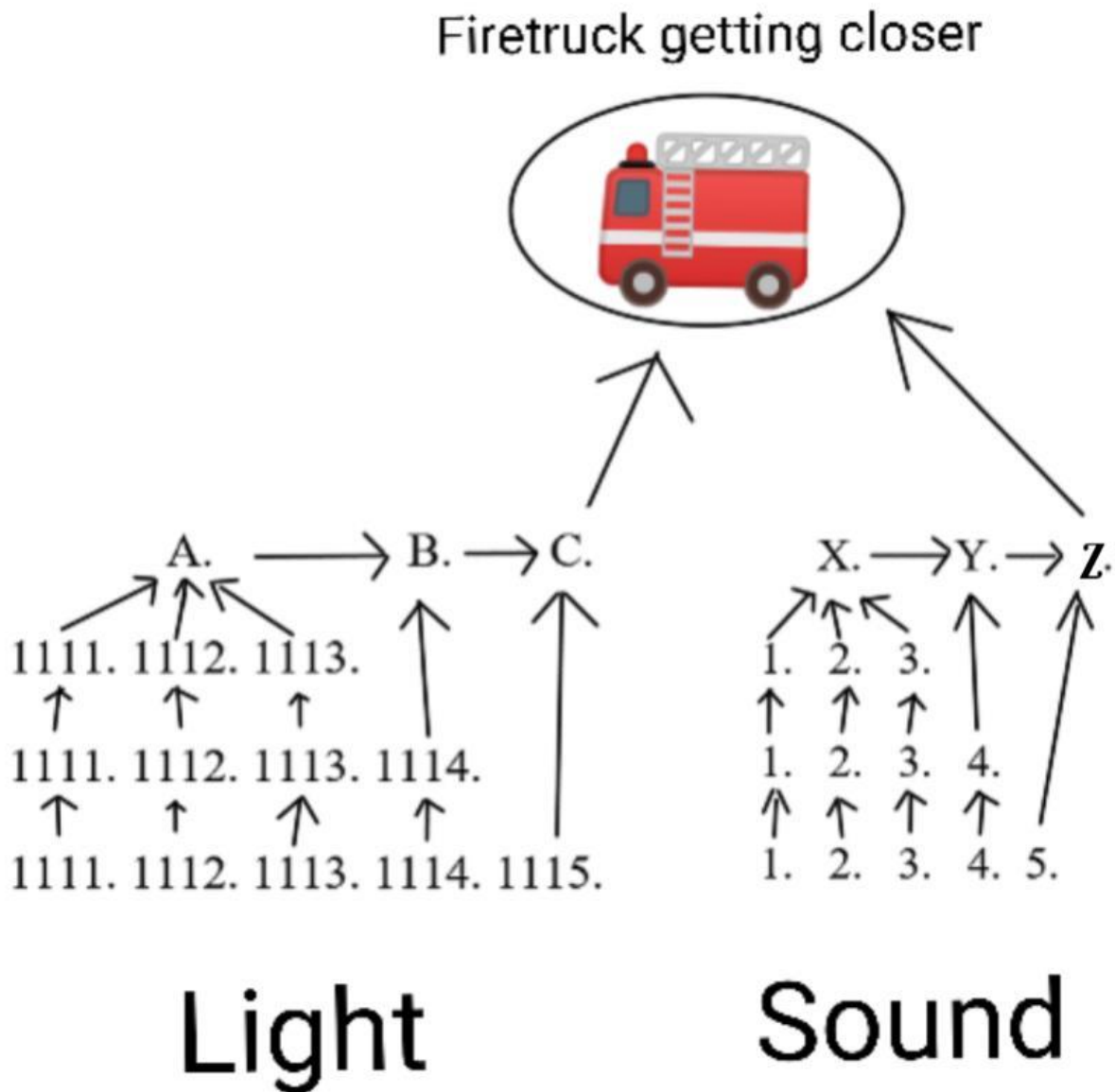
The husband reacts to his wife's pain by stopping from work and going under the shade with her. And the wife feels a sense of relief from her husband's reaction to her pain from his hard work. The subconscious mind and the body represent the robot husband while the conscious mind represents the wife.

I hope you got the picture. I don't know how much of this paper is correct but, at least, a great amount is. I wanted to polish the ideas more, however, I'm at the point where I'm mentally drained. I can't spend another day on this paper, I fear I may go mad. Perhaps, some other time in the future, I'll rethink it. But for now, this is what I have. This is the development.

Extras

I want to give an idea of how we evolved this intelligently: Imagine a self-aware robot being in an accident with a firetruck. The truck hits the robot forward to the ground, before coming to a stop; a neuron now exists for such experience. The robot is then set in place to experience such an event again. The firetruck aims at the robot. The robot picks up the signals from seeing and hearing as the fire truck gets closer. But remember, when that first fire truck hits the robot, the neurons from the robot's body send strong signals to the brain indicating pain, and those pain signals along with the signals from the sound and image of the firetruck merge into a single neuron. So, in the new experience, when those signals from the firetruck reach the brain, they reach that single neuron telling the brain also of the pain. And because the truck hits the robot forward the first time, the second time, the robot reacts in the same manner, so the robot drops forward before the truck hits him and then creates a neuron for such experience for the next time around. But what if this time the truck hits the robot while he's on the ground, and rolls him forward? Then the third experiment with the firetruck and the robot, the robot will fall forward and start rolling, a neuron now created for such experience. And if repeat this experiment, then each time, the truck will hit the robot into a different position until the robot is out of the firetruck's way, in which the robot will always create a neuron for, and always imitate, until the robot rolls himself out of the firetruck's reach. And when combined with other experiences, even by repeating this experiment many times, the robot will then be able to jump out of the firetruck's way in a second. Humans wouldn't learn as fast as this robot at the beginning of evolution but it's a lovely example.

Just a simple example of the firetruck coming towards the robot:



In both groups, light and sound, the letters are the neurons, while the numbers are the signals. The oval shape that the firetruck is in is the mind including the subconscious mind and the conscious mind. The firetruck is the qualia/self-awareness.

This can be proof that $P=NP$ because at first, the robot didn't even have a solution of moving out of the way until eventually, the robot repeated the experience and kept creating new neurons to eventually move out of the way at the snap of a finger. So, yes, $P=NP$. But NP also = P .